

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/30/2015 09/30/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_ST0007_01_s_2013_25				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has a copy of the O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	26
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_ST0007_01_s_2013_26				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has adequate emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_ST0007_01_s_2013_27				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard trains yearly for flood fighting.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Putah Creek or North Levee	Left	8.79	09/30/2015 09/30/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	22
LM End	8.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.523630 °	38.523227 °	
			-121.631460 °	-121.780180 °	
DWR ID	DWR_ST0007_01_f_2015_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Maintaining Agency has burned and dragged the landside slope.					

Photo 1 of 1 : FA_2015_ST0007_282_22_20151006_00006.jpg



Putah Creek looking downstream from levee mile 0.00 landside levee slope.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	8.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.523630 °	38.523227 °	
			-121.631460 °	-121.780180 °	
DWR ID	DWR_ST0007_01_f_2015_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The maintaining agency has both burned and dragged the waterside levee slope.					

Photo 1 of 1 : FA_2015_ST0007_282_24_20151006_00005.jpg



Putah Creek looking downstream from levee mile 0.00 waterside levee slope.

LM Start	0.04	Rating **	M	Issue No.	2
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.523119 °	38.521968 °	
			-121.631356 °	-121.631519 °	
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Old cobble site is unraveling, likely causing the toe of the bank to become unstable. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_0-1_L]					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Putah Creek or North Levee	Left	8.79	09/30/2015 09/30/2015	Herman Phillips

LM Start	0.30	Rating **	M	Issue No.	28
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.520126 °	38.520009 °	
			-121.633869 °	-121.634365 °	
DWR ID	DWR_ST0007_01_f_2012_28				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	6.70	Rating **	M	Issue No.	37
LM End	6.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.517688 °	38.517688 °	
			-121.748509 °	-121.748509 °	
DWR ID	DWR_ST0007_01_s_2014_37				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	6.82	Rating **	M	Issue No.	14
LM End	6.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.517704 °	38.517704 °	
			-121.750734 °	-121.750734 °	
DWR ID	DWR_ST0007_01_s_2013_14				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/30/2015 09/30/2015	Herman Phillips

LM Start	6.88	Rating **	M	Issue No.	1
LM End	6.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.517362 °	38.517355 °
				-121.751778 °	-121.752824 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_7-2_L]					

No Photos

LM Start	8.31	Rating **	C	Issue No.	43
LM End	8.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521475 °	38.521475 °
				-121.776926 °	-121.776926 °
DWR ID	DWR_ST0007_01_s_2014_43				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	8.41	Rating **	M	Issue No.	18
LM End	8.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522267 °	38.522267 °
				-121.778525 °	-121.778525 °
DWR ID	DWR_ST0007_01_s_2013_18				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Putah Creek or North Levee	Left	8.79	09/30/2015 09/30/2015	Herman Phillips

LM Start	8.52	Rating **	M	Issue No.	30
LM End	8.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.523227 °	38.523227 °	
			-121.780175 °	-121.780175 °	
DWR ID	DWR_ST0007_01_f_2014_30				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/30/2015 09/30/2015	Herman Phillips

LM Start	0.02	Rating **	A	Issue No.	16
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505045 °	38.510265 °
				-121.663118 °	-121.667545 °
DWR ID	DWR_ST0007_02_f_2015_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: BURNED AND DRAGGED.					

No Photos

LM Start	0.02	Rating **	A	Issue No.	17
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505045 °	38.510265 °
				-121.663118 °	-121.667545 °
DWR ID	DWR_ST0007_02_f_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Burned and dragged.					

Photo 1 of 1 : FA_2015_ST0007_283_17_20151006_00005.jpg



Putah Creek looking downstream from levee mile 0.00 landside levee slope.

LM Start	0.55	Rating **	A	Issue No.	20
LM End	4.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.510265 °	38.515767 °
				-121.667545 °	-121.731162 °
DWR ID	DWR_ST0007_02_f_2015_20				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Mowed landside slope, no vegetation problems.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/30/2015 09/30/2015	Herman Phillips

LM Start	0.55	Rating **	A	Issue No.	19
LM End	7.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.510265 °	38.522742 °	
			-121.667545 °	-121.785195 °	
DWR ID	DWR_ST0007_02_f_2015_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Mowed slope, no vegetation problems.					

No Photos

LM Start	2.00	Rating **	M	Issue No.	9
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.515356 °	38.515369 °	
			-121.693168 °	-121.693268 °	
DWR ID	DWR_ST0007_02_s_2013_9				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	2.04	Rating **	M	Issue No.	22
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.515348 °	38.515398 °	
			-121.694042 °	-121.694590 °	
DWR ID	DWR_ST0007_02_s_2012_22				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 02 Putah Creek or South Levee	Right	7.55	09/30/2015 09/30/2015	Herman Phillips

LM Start	2.05	Rating **	C	Issue No.	23
LM End	2.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.515350 °	38.515385 °	
			-121.694110 °	-121.694558 °	
DWR ID	DWR_ST0007_02_s_2012_23				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.13	Rating **	M	Issue No.	21
LM End	4.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.515767 °	38.515817 °	
			-121.731162 °	-121.741693 °	
DWR ID	DWR_ST0007_02_f_2015_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	5.30	Rating **	M	Issue No.	13
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.515377 °	38.515418 °	
			-121.752795 °	-121.756028 °	
DWR ID	DWR_ST0007_02_f_2012_13				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: There are bait stations placed in the area for the rodents.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/30/2015 09/30/2015	Herman Phillips

LM Start	6.49	Rating **	M	Issue No.	27
LM End	6.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.518222 °	38.518230 °	
			-121.773735 °	-121.773838 °	
DWR ID	DWR_ST0007_02_f_2015_27				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Young walnut trees on waterside levee slope. Need to be removed.					

No Photos

LM Start	6.49	Rating **	M	Issue No.	32
LM End	6.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.518215 °	38.518215 °	
			-121.773767 °	-121.773767 °	
DWR ID	DWR_ST0007_02_f_2014_32				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	6.51	Rating **	M	Issue No.	37
LM End	6.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.518332 °	38.518332 °	
			-121.774049 °	-121.774049 °	
DWR ID	DWR_ST0007_02_s_2014_37				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/30/2015 09/30/2015	Herman Phillips

LM Start	6.52	Rating **	M	Issue No.	11
LM End	6.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.518404 °	38.519938 °	
			-121.774158 °	-121.776952 °	
DWR ID	DWR_ST0007_02_s_2012_11				
Action/Comments					
Material Inspector Comments: Conair containers and other storage units on the landside easement.					

No Photos

LM Start	6.59	Rating **	M	Issue No.	28
LM End	6.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.519033 °	38.519538 °	
			-121.775313 °	-121.776275 °	
DWR ID	DWR_ST0007_02_f_2015_28				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	6.71	Rating **	M	Issue No.	14
LM End	6.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.519896 °	38.520832 °	
			-121.777124 °	-121.778520 °	
DWR ID	DWR_ST0007_02_s_2012_14				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: The visibility here is partially blocked.					

No Photos

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